



Attorney Docket No. 14137-0129-10US

POWER OF ATTORNEY BY ASSIGNEE

National Research Council of Canada is the Assignee of the invention entitled: FUSION PROTEINS FOR USE IN ENZYMATIC SYNTHESIS OF OLIGOSACCHARIDES, the specification of which \_\_\_\_\_ is attached hereto or X was filed on December 14, 1998 as Application Serial No. 09/211,691.

Assignee hereby appoints the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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National Research Council of Canada

Date: 31 MARCH 1999

By: \_\_\_\_\_

(Signature)

Name: Lucie Lapointe  
Title: Secretary General



Attorney Docket No. 014137-0129-00US  
Client Ref. No.

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicant: Michel Gilbert, N. Martin young and Warren W. Wakarchuk

Application No.: 09/211,691 Filed: December 14, 1998

For: FUSION PROTEINS FOR USE IN ENZYMATIC SYNTHESIS OF OLIGOSACCHARIDES

National Research Council of Canada, a Crown Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is assignee of the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame(s) \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : 31 MARCH 1999  
Name : Lucie Lapointe  
Title : Secretary General  
Signature: [Signature]

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Michel Gilbert, a Canadian citizen residing at 116-101 Sacre-Coeur, Hull, Quebec, Canada J8X1C7; N. Martin Young, a Canadian citizen residing at 51 East Park Drive, Gloucester, Ontario, Canada K1B3Z6; and Warren W. Wakarchuk, a Canadian citizen residing at 11-837 Eastvale Drive, Gloucester, Ontario, Canada hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: FUSION PROTEINS FOR USE IN ENZYMATIC  
SYNTHESIS OF OLIGOSACCHARIDES

Filing Date: December 14, 1998

Application No.: 09/211,691; and

WHEREAS, National Research Council of Canada, of 1200 Montreal Road, Ottawa, Canada, K1A0R6, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: March 23, 1999

Michel Gilbert  
Michel Gilbert

Date: March 23, 1999

N. Martin Young  
N. Martin Young

Date: March 23, 1999

Warren W. Wakarchuk  
Warren W. Wakarchuk